EPISODE 5

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MARVEL STUDIOS
Presents

A
KEVIN FEIGE
Production

MARVEL STUDIOS

ECHO

Directed by ..... SYDNEY FREELAND
Written by ..... AMY RARDIN
and STEVEN PAUL JUDD
& ELLEN MORTON
and CHANTELLE M. WELLS

BASED ON THE MARVEL COMICS

Executive Producers ..... KEVIN FEIGE
STEPHEN BROUSSARD
LOUIS D'ESPOSITO
BRAD WINDERBAUM
VICTORIA ALONSO
RICHIE PALMER
JASON GAVIN
MARION DAYRE
SYDNEY FREELAND
Co-Executive Producers ..... JENNIFER L. BOOTH
AMY RARDIN
Line Producer ..... JASON TAMEZ
Director of Photography ..... KIRA KELLY, ASC
Production Designer ..... CHRIS TRUJILLO
Edited by ..... CHRIS MCCALEB, ACE
SHELBY HALL
TANIA GODING

Unit Production Manager ..... JOHN BURTON WEST
First Assistant Director ..... DOUGLAS PLASSE
Second Assistant Director ..... KATY GALOW
Costume Designers ..... AMBRE WRIGLEY
STACY CABALLERO-FOUSHEE
Visual Effects Supervisors ..... JOHN HALEY
KAREN HESTON-PECK
Visual Effects Producers ..... TRICIA PIFER
JOE GREENBERG
Music by ..... DAVE PORTER
Music Supervisors ..... DAVE JORDAN
JUSTINE VON WINTERFELDT

Casting by ..... SARAH HALLEY FINN, CSA
KRISTA HUSAR, CSA

Marvel Studios would like to extend our deep gratitude to the Choctaw Nation of Oklahoma for their collaboration on this series.

Georgia

This project was completed with assistance from the Georgia Film Office, a division of the Georgia Department of Economic Development

Second Unit Directors ..... MARC SCIZAK
PAUL JENNINGS
Supervising Producers ..... ELEENA KHAMEDOOST
CHRISTINA D. KING
KEN KRISTENSEN
Consulting Producer and ASL Master ..... DOUGLAS RIDLOFF
Consulting Producers ..... CHANTELLE M. WELLS
JESSICA MECKLENBURG
DARA RESNIK
Co-Producer ..... JOSH FELDMAN
Executive Story Editors ..... STEVEN PAUL JUDD
SHOSHANNAH STERN
BOBBY WILSON
REBECCA ROANHORSE
Staff Writer ..... ELLEN MORTON
Visual Development Supervisor ..... RODNEY FUENTEBELLA
VP Visual Effects ..... ERIC SCOTT
VP Post Production ..... JON GOLDSMITH
Supervising Sound Editors ..... CHRIS GRIDLEY
JON BORLAND
Re-Recording Mixers ..... KAROL URBAN, CAS
CHRISTOPHER BARNETT
Creative Finishing Supervisor ..... EVAN JACOBS
Score Supervisor/Supervising Music Editor ... ANELE ONYEKWERE
Consulting Producer ..... SARAH HALLEY FINN

CAST

Maya Lopez/Echo ..... ALAQUA COX
Henry Black Crow Lopez ..... CHASKE SPENCER
Chula ..... TANTOO CARDINAL
Skully ..... GRAHAM GREENE
Bonnie ..... DEVERY JACOBS
Biscuits ..... CODY LIGHTNING
Wilson Fisk/Kingpin ..... VINCENT D'ONOFRIO
William Lopez ..... ZAHN MCLARNON
Zane ..... ANDREW HOWARD
Young Maya ..... DARNELL BESAW
Taloa ..... KATARINA ZIERVOGEL
Lowak ..... MORNINGSTAR ANGELINE

Tuklo ..... DANNIE MCCALLUM
Young Chula ..... ISABELLA MADRIGAL
Chen-Ke ..... WILLIAM BELLEAU
Young Bonnie ..... WREN ZHAWENIM GOTTS
Caroline ..... GERALDINE KEAMS
Shikoba/Emcee ..... DALLAS GOLDTOOTH
Ramona ..... TINA LAMEMAN
Davy ..... OMID ZADER
Edgar ..... SETH AUSTIN
Ancestors ..... BRAYDEE CARDINAL
PANTHER TIWA
ACOSIA RED ELK
ELIZABETH FRANCES
JULA HARJO
CRICKETT TIGER
CHEROKEE JACK
DAVID MIDTHUNDER
DOC NATIVE
ANTHONY "THOSH" COLLINS
PHILLIP BREAD
SETH FAIRCHILD
Ottertrail Drummers ..... JEREMY MERRIMAN
AL SANTOS
AL SANTOS, JR.
MAX YAMANE
JAMISON CONCHA
CHARLES H BACKUS III
LEWIS PERKINS
WENDALL POWLESS
Ottertrail Singers ..... MARIA IRIZARRY
NICOLE PAVATEA
JOAN REIGNER
ALYSSA JARAMILLO
Thunder Boys Drummers ..... NICHOLAS LIMPY
CACTAS RUNSABOVE
XAVIER LITTLEHEAD
JOSEPH SMITH
JORDAN STASSO
CORY CHAVEZ
TOBY RHOADS
THERIEN PASKEMIN
Thunder Boys Singers ..... MIKAYLA HORSE
BRANDY NARCOMEY
CHANTE FALCON
Voice of Bill Fisk ..... RICHIE PALMER, SR.
Voice of Marlene Fisk ..... ML GEMMILL
Patrick Kiernan ..... HIMSELF
Errol Louis ..... HIMSELF
Voice of Little Girl ..... KINGSLEY GOLDSMITH
Billy Jack ..... BUZZ

Stunt Coordinator ..... MARC SCIZAK
Co-Stunt Coordinator ..... KEITH CAMPBELL
Key Stunt Rigger ..... KYLE WEISHAAR
Fight Coordinators ..... LOYD BATEMAN
MIKE WILSON
Asst. Fight Coordinator ..... CHRISTOPHER TROY
Stunt Office Administrator ..... CHRIS NAYLOR
Maya Stunt Double ..... CAITLIN DECHELLE
Kingpin Stunt Double ..... JOSH DIOGO
Chula Stunt Double ..... MICHELLE ROSE
Henry Stunt Double ..... KYLE WEISHAAR
Biscuits Stunt Double ..... BEN BALZOVICH
Maya Driving Double ..... CRYSTAL HOOKS
Maya Motorcycle Double ..... JOLENE VAN VUGT
Bonnie Stunt Double ..... YESSENIA COSSIO
Zane Stunt Double ..... COURTLAND FULLER
Stunt Drivers ..... DUSTIN NELSON
JOEL BRAMBILA
LOUIE NORTHERN
REGIS HARRINGTON

Stunt Performers

KEITH ADAMS
BRANDEN ARNOLD
BEN AYCRIGG
DERRICK BURBAGE
PETER CHANSEYHA
PHILLIP DANG
MIKE ENDOSO
RYAN GREEN
ADAM HART
JULIENE JOYNER
CYRUS LEISY
RYAN MARI
SPENCER MULLIGAN
JOHN NANIA
ATHENA PERAMPLE
RYAN RASBERRY
CODY ROBINSON
BRANDON SHAW
DENA SODANO
TJ TIFFANY
WILLIAM WEBER
HENRY AMOS
STEVEN ATKINSON
FELIX BETANCOURT
BRYANT BURNETT
JEFFERSON COX
JUSTIN EATON
TONY FALCON
DEAN GRIMES
JT HOLT
KARIN JUSTMAN
BRANDY LEWIS
TAYLOR MCDONALD
MATT MURRAY
CHRIS NAYLOR
LLOYD PITTS
GREG DELA RIVA
RONNIE SHALVIS
JOHN SHIM
BOBBY D. SOURIS
PAUL TRUNZ

Stand-Ins ..... MANOEL VASCONCELOS
MARIA ALMENDROS
HOPE JORDAN
LENNOX SEWNATH
JON HUNT
BG Powwow Arena Coordinator ..... MICHAEL ROBERTS

Supervising Art Director ..... SEAN BRENNAN
Set Decorator ..... MELISA JUSUFI
Art Directors ..... LAUREN ABIOUNESS
CHRIS YOO
ERIC JOHNSON
Assistant Art Directors ..... ALAN LAMPERT
JAIME MARIN
Concept Illustrators ..... MATTHIAS BEEGUER
LAURENT BEN-MIMOUN
Lead Set Designer ..... THOMAS MACHAN
Set Designers ..... CHRIS MCGEE
MEGAN NARDUZZI
Art Department Coordinator ..... ADDIE BABCOCK
Digital Asset Manager ..... CHASE KLIBER
Specialist Set Designer ..... CHRISTOPHER WARD
Graphic Designer ..... JAMES HALL
Art Department Production Assistants ..... GRACIE SCHRECENGOST
BAILEY GATES

Storyboard Artists . . . . . JEREMY SIMSER
SIMEON WILKINS
SHERMAN KEW
ED LAROCHE
AARON SOWD

Head of Visual Development . . . . . RYAN MEINERDING
Visual Development Managers . . . . . HOLLY MYER
AJ VARGAS
Visual Development Coordinator . . . . . KELLY BURROUGHS
Visual Development Concept Artist . . . . . WINONA NELSON

Visual Development Concept Illustrators

NAOMI BAKER — KEITH CHRISTENSEN
IAN JOYNER — ANDREW KIM
JOSH NIZZI — MUSHK RIZVI
PHIL SAUNDERS — JANA SCHIRMER
HENRIK TAMM — MICHAEL UWANDI

A Camera/Steadicam Operator . . . . . NICK MULLER
A Camera First Assistant . . . . . ETHAN MCDONALD
A Camera Second Assistant . . . . . NICHOLE FIREBAUGH
B Camera Operators . . . . . BRIGMAN FOSTER-OWENS
HUGH BRASELTON
B Camera First Assistants . . . . . DWIGHT O. CAMPBELL
ADAM CASTRO
B Camera Second Assistants . . . . . ALEX WATERS
MIKE FITZGERALD
PAUL SANDERS
C Camera Operator . . . . . JOE ALLEGRO
C Camera First Assistant . . . . . MICHAEL FISHER
C Camera Second Assistant . . . . . KYLE FORD
Loaders . . . . . TOREY LENART
COREY BLAKE
Utility . . . . . JACK WACHTEL
Digital Imaging Technician . . . . . DANIEL HERNANDEZ
Crane Operator . . . . . PATRICK BARNES
Crane Technician . . . . . RORY BONNIN
Still Photographer . . . . . CHUCK ZLOTNICK
Drone Pilot . . . . . LOUIE NORTHERN
Drone Camera Operators . . . . . JON MYERS
DEKE KEENER
Drone Visual Safety . . . . . TRAVIS STEELE
Drone Utility . . . . . ADAM RIOUX
ZACH COST
Drone Camera First Assistant . . . . . JOSH GARY

Post Production Supervisors . . . . . KRISTI URIBES
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ISABELL CHAVEZ VEGA — MATTHEW BARTON

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HANNAH ANAYA — JENNY LINDAMOOD
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GEOFF MURILLO — RYAN O'SULLIVAN
MIKE STONE — AMANDA WOODS

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JOSH TENEN — CASE CONNER
JAMIR WHITE — JANSSEN SWENT

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Finishing Colorist . . . . . MATT WATSON
Finishing Color Assistants . . . . . KAELA BROWN
BRIAN CHANDLER
Finishing Data Technician . . . . . YESOD STONE
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On-Set VFX Supervisors . . . . . DAN AKERS
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KOSTA SARIC — ZEKE MORALES
TYLER WHITMAN — ERIC STAPF
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VERA BENNETT
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VFX Inhouse Artist . . . . . IAN GLAUM
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TONI MESSERVEY
Assistant VFX Accountant . . . . . RYAN GRAY
VFX Payroll Accountant . . . . . JOSHUA PHILLIP-HUMMEL

VFX Coordinators

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PATTY HAYES — HANK KILGORE
TATE PUCHER — KELVIN BARROS ANDRADE
HELEN CHHEA

Additional VFX Coordinators

MIKAEL BETRU — CAROLYN NEWES
ASHLEY NIZICH — AMBER WEST
SAMANTHA MACDOUGALL

VFX Production Assistants

RYAN SALAS — VINCENT CASCIANI
NICOLE CASTILLO — BRIAN ELLIS
COOPER ERNST — LEONARD PEREZ

Data Wranglers ..... CASSIE ESPINOZA-OGDEN
CALVIN GREER
THOMAS HARRIS
Junior Data Wranglers ..... CAMERYN DAVIS
IAN BRUNEAU
VFX Witness Camera Operators ..... NIARA SIMONE ROBINSON
KALEE GRIFFIN
ANDREW JURKA
On-Set VFX Intern ..... KEVIN CESPEDES

Production Supervisor ..... AMY CHANCE
Production Coordinator ..... MK MARTIN
Assistant Production Coordinators ..... ANDY SIRAVANTA
GABRIELLE CORNISH
Travel Coordinator ..... KALYNN LITTLETON
Production Secretaries ..... BETHANY COHEN
VASHTI POWELL
Physical Asset Manager ..... ALEXANDRA HALE
Asset Warehouse Coordinator ..... TIM WHITEHEAD
Physical Asset Assistant ..... ALEXA MANUEL
Environmental Steward ..... FRANK AMOROSO
Second Second Assistant Director ..... MEGAN MORRISON

Additional Second Assistant Directors ..... RILEY FLANAGAN
MEAGHAN GILLENWATER
ADAM LEE
Key Set PA ..... DAN DIRKS
Health & Safety Manager ..... ALEXANDRA CASTELLANOS
Health & Safety Supervisors ..... TANEISHA POLK
TAYLOR THOMPSON
Script Coordinator ..... EVA TAYLOR
Script Supervisor ..... DEA CANTU
On-Set ASL Recordist ..... KYLE KING
Lead ASL Interpreter ..... AMANDA GRAZIAN

Production Assistants

ROBERT ADAMES — MARTHA ANGER
RAPHAEL BUHAY — STEPHANIE CHUAH
DOT DADOUN — ASHLEY DICKEY
DEVIN ELLERY — TREY MCPHAUL
MIKE RICHARDS — CHARLIE SURGENT
BRIDGET WEST

Health & Safety

JALYNN ADAMS — MARCUS BANKS
LISA BRYANT — AVERY COLVIN
KADEEM GILL — SENETTA GLENN
KYLE GORDON — LONDON HAMMOND
JASLYN HARRIS — BLAKE HUGHES
PRESTEN JACKSON — LAUREN LAVERE
DREW LUCIANI — DEVIN MCKAY
JOEL NELSON — NAKESHA NJIE
LAWRENCE OFILI — ERIN PARKER
MARCUS SAMPSON — EVA SEQUENS
GABE SUGARMAN — RASHEEM TIDWELL
SIMONE WEBSTER — OCEANN WASHINGTON
KYLIE WITTMER

Production ASL Interpreters ..... ASHLEY CHANGE
HENRY ETSITTY
AMANDA SHANNON

Production Controller ..... RICHARD CASTRO
Production Accountant ..... JEFFREY NEUMEIER
First Assistant Accountants ..... MATT DIGENNARO
LINDSEY ELLIS
CHERI HALL

Second Assistant Accountants

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ANITA LAGRAFF — SCOTT SCHREIBER
DANIEL STANLEY — NICHOLAS WAGGONNER

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Payroll Accountant ..... TYLER HANSEN
Assistant Payroll Accountant ..... TAYLOR WARD
Above-the-Line Payroll Accountant ..... BLAKELY CLARK
Payroll Clerk ..... KIAUNNA KING
Construction Accountant ..... JIM SCAIFE
Construction Second Assistant Accountant ..... MONTAE REED
Construction Payroll Accountant ..... MIKE REGINA
Construction Payroll Assistant ..... SAVANNAH MARTIN
Construction Clerk ..... ELIZABETH UNDERWOOD
Choctaw Nation of Oklahoma Team ..... TERESA BILLY
IAN THOMPSON
SETH FAIRCHILD
STACY SHEPHERD
STACY HALFMOON
IllumiNative ..... EMI AGUILAR
CRYSTAL ECHO HAWK
JESSICA MCEVER
LEAH SALGADO
Cultural Coordinator ..... PESHAWN BREAD

SFX Supervisor ..... DAN SUDICK
SFX Foreperson ..... JOEL MITCHELL
SFX Coordinator ..... MARC BANICH
Pyro Supervisor ..... BRUCE MERLIN
Pyro Foreperson ..... CHRIS JOHNSON
SFX Accountant ..... CHAD WEAVER
SFX Buyer ..... JOAQUIN GONZALEZ
SFX Plaster Foreperson ..... TRAVIS HERITAGE
Design Technician ..... ETHAN CARNEY
SFX Moldmaker ..... DANIEL GREGORY
SFX Toolpersons ..... RUSTY HICKMAN
JOEL LANKFORD

SFX Technicians

DAVID HERON — JARED FLEURY
JEFF KNOTT — STEPHEN KNOTT
JOSH MITCHELL — MATT MCDONNELL
NICK NOLAN — CARLOS PARK
JOEL STUDER — THOMAS ZELL

Property Master ..... RUSSELL BOBBITT
Co-Property Master ..... JIM STUBBLEFIELD
Assistant Property Master ..... ASHLEE KYKER
Property Buyer ..... ADRIANNE SKRZYPEK
Property Accountant ..... KRISTI KING

Property Assistants . . . . . GRANT OGDEN
ERIN CHOROSZYLOW
LAURA LESTER
Property Coordinator . . . . . KRISTEN TATUM
Property Administrator . . . . . KELSEY HICKS
Property Warehouse Manager . . . . . KURT ST. JEAN
Leadperson . . . . . PAUL DETLEFSON
Assistant Set Decorator/Set Dec Buyer . . . . . MELISSA ARCARO
Set Dec Coordinator . . . . . JESSICA BAKER
Set Dec Buyers . . . . . MOLLIE ALEXANDER
TANYA WEBB
On-Set Dressers . . . . . CRAIG JOHNSON
ALICIA MARCHAND
Shop Foreperson . . . . . ZACHARY BARRETT
Set Decoration Fabricator . . . . . ROBERT SADAKA
Upholsterer . . . . . DAVID DUNGAN
Set Decoration Gangbosses . . . . . KYLE HOWSER
PARKER MORRIS
ROBERT SACCENTI

Set Dressers

MICHELE ANDERSON
CHRISTINE COOK
MATT PARKER
MATT HALLADAY
SYD HOWELL
DAVID MEAD
ADAM SCARBROUGH
PAUL TYSON
TERRY COLLINS
WILL EGAN
KHALIL GEORGE
THADDEUS HIGGINS
CHRIS MCGLAMERY
KASHIEF MOBARA
ANDREW SHEFF

Set Decoration Production Assistants . . . . . KATO LAWTON
NIKKI BLASI
SARAH IMLER
MACKENZIE BEARD
Animal Trainers . . . . . GREG TRESAN
CAROL TRESAN
JOHN MATTHEW CASEY

Production Sound Mixer . . . . . CHRIS GILES
Boom Operator . . . . . JARED WATT
Sound Utility . . . . . BRITTANY MYERS
Music Playback . . . . . JOHN MASKEW
Video Assist Operator . . . . . JESSE OLIVARES
Additional Video Assist Operator . . . . . JORDAN ELEY
Video Utility . . . . . CESWANNE LEWIS
Computer/Video Supervisor . . . . . ALEXANDER SEARS
Computer/Video Playback . . . . . CHRIS ADAMS

Chief Lighting Technicians . . . . . BOB BATES
CARLOS BAKER
Assistant Chief Lighting Technician . . . . . JERRY WHEAT
Lighting Console Programmer . . . . . MATT KLANN
Rigging Console Programmers . . . . . ANTHONY COBB
MICHAEL KLANN
Fixtures Foreperson . . . . . JOEL WARREN
Fixtures Best Boy . . . . . JASON WHITE
Fixtures Technicians . . . . . JUSTIN BROCK
PETE KLINGENBURG
Rigging Chief Lighting Technician . . . . . TOM FENDLEY
Rigging Assistant Chief Lighting Technician . . . . . BRITT REGAN
Rigging Electric Forepersons . . . . . RICHARD HICKS
MATTHEW BARNES
Lighting Network Foreperson . . . . . NICHOLAS COOGAN
Lighting Network Technicians . . . . . JEFFREY REID ANDREWS
NIKOLAS LOPEZ
Basecamp Electrician . . . . . JIMMY HERRING
Lighting Technicians . . . . . FROY MADRIGAL
HAILEY HANNIGAN
ED O'HARE
CHRIS PAULINA
CORNELIUS WILLIAMS

Rigging Electricians

RON BETTS
FERNANDO GARCIA
CARSON MAYNE
PATRIC WILSON
TYRELLE BROWN
MATTHEW CULLEN
ERIC ZACHARY FORD
MATTHEW HODGE
ALEX LENNEMAN
CAMERON PUGH
ALEXANDER WHARTON
JACKSON FLYNN
JAMES HASHIMOTO
DEREK NOEL
RYAN BASSO
AUSTIN BRYAN
IVAN GUIDEN
SEAN HELPER
STEVEN KENNEDY
LATRONN LEWIS
KYLE RIPLEY
DARIELLE WILLIAMS

Fixtures Technicians . . . . . STEVEN HARALSON
JUSTIN BROCK

Key Grip . . . . . RUDY COVARUBBIAS
Best Boy Grip . . . . . ROBERT KRAFT III
A Dolly Grip . . . . . RALPH SCHERER
B Dolly Grip . . . . . CRAWFORD RUSSELL III
Patriot Car Driver . . . . . MATTHEW BERNING
Key Rigging Grips . . . . . JERRY SANDAGER
FERNANDO FRAUSTO
Best Girl Rigging Grip . . . . . LAUNCELLE BUSTAMANTE
Rigging Grip Forepersons . . . . . TOMMY DONALD
JASON HAYNES
MICHAEL TRAVERS
Stratus Rig Technician . . . . . JUSTIN HARD
Stabilized Head Technicians . . . . . ROCKY BABCOCK
CHRIS DAWSON
Grips . . . . . JOSH GRAINGER
DANNY COOPER
CONOR DAILY
JEROME NORMAN
ADOLPH STEELE

Rigging Grips

JOHN BARBER
HANNAH GORDON
ERIK KABIGTING
DANNY PANGBURN
BRITTANY BLANTON
CHRIS MOORE
JAMES STILL
BRIAN WILLIAMS
RYDER CLEGG
MITCHELL K HOBBY
HANNAH LANDIS
MALIK PAYNE
MITCHELL HOBBY
RYAN RICHARDSON
DIANA SUSTAITA

Supervising Location Manager . . . . . RYAN SCHAETZLE
Key Assistant Location Managers . . . . . KYLE CAREY
JOHNNY CHEN
ANDREA KEENER
SAMANTHA MERTEN
Assistant Location Manager/H&S . . . . . RICKY TYREE

Location Coordinator ..... SLEAN PEAVY
Location Scouts ..... RENEE BROCK
JAMES BRADLEY SMITH

Assistant Location Managers

MIKE CAVE
BRANDON PEARSON
HANNAH SHLAPAK
EMORY HESTER
REID PITTMAN
EMILY ORAMA

Location Production Assistants

THOMAS BATLINER
DANIEL HOLTZCLAW
ANDREW ROBERTS
NATE GORDON
EVAN KINGSFIELD

Assistant Costume Designers ..... KIZZIE MARTIN LILLAS
KRISTINA ELAINE TAYLOR
Costume Supervisor ..... AMANDA STEELEY
Key Costumer ..... LAUREN DRISKILL
Key Background Costumers ..... ANDREW PATTERSON
JENNIFER KAMRATH
Set Costumers ..... JUSTIN ARMER
RIKI LECOTEY
MICHAEL LUTZ
CAITLIN MCCRAW
BENJAMIN GIBICSAR
Truck Costumer ..... MOLLY KAMRATH
Costume Coordinator ..... KAITLYN MARGARET SMITH
Head Ager/Dyer ..... KEITH HUDSON
Ager/Dyer ..... CAITLEY SYMONS
Head Cutter/Fitter ..... BEN WALSH
Shoppers ..... QUEENESHA GREGORY
VALERIA CHELALA
LA'TARCIA RILEY
Costumers ..... RYAN DEMPSEY
JESSIE AIKEN
JACOB COOPER
REGINE LINHARES
Costumers (LA) ..... RACHEL SORIANO
SARAH CREAGER
SHANNA KNECHT
Stitchers ..... SAMANTHA KINGSLAND
SOPHIA PARRISH
KEUMJA JULIE SHIN
REBECCA SHOEMAKER
Costume Production Assistants ..... ANNA MARIE SCHREIBER
CHRISTINA WEBLING
CASTIELLA LOMAS

Hair Department Head ..... MICHELLE DIAMANTIDES
Key Hairstylist ..... TRACI WALKER
Hairstylists ..... AISHA RUSSELL
TIM BLACKBURN
Bushto Background Supervisor ..... LOUISA ANTHONY
Makeup Department Head ..... JILLIAN ERICKSON
Key Makeup Artist ..... DEVIN MORALES
SFX Makeup Artist (Ancestors) ..... JONAH LEVY
Makeup Artists ..... JESSICA CRAIG
KELSEY BOUTTE
ADAM WALLS

Atlanta Casting by ..... TARA FELDSTEIN BENNETT, CSA
and CHASE PARIS, CSA

Casting Associate (LA) ..... JACQUELINE GALLAGHER, CSA
Casting Assistant (LA) ..... GREGORY KORN
Executive Assistant to Ms. Finn ..... ADYLENE VILLANUEVA
Casting Assistant (ATL) ..... TASHA WARD
Extras Casting Manager ..... TONY AVALOS
Associate Extras Casting ..... MARYMARGARET O'NEILL
Unit Publicist ..... JOHN PISANI
EPK Producer ..... KYLE LEONARD
BRAD BARUH
EPK Sound ..... DANIEL FABER
Indigenous Background Casting by ..... MIDTHUNDER CASTING
FREIHOFER CASTING

Production & Development Manager ..... SAMANTHA VINZON

Executive, Office of Mr. Feige ..... JENNIFER HAMILTON
Executive Assistant to Mr. Feige ..... MELISSA SCICLUNA
Executive Assistant to Mr. D'Esposito ..... BRIANNA DASILVEIRA
Streaming & Animation Executive ..... LIANA OJA
Production & Development Manager ..... MATT WILKIE
Executive Assistant to Mr. Winderbaum ..... CANDICE HORDE
Assistant to Ms. Booth ..... SANJANA CHOWDHURY
Assistant to Mr. Tamez ..... ALEC WITTSCHIEBE
Assistant to Ms. Freeland ..... DONATELA VACCA
Assistants to Ms. Cox ..... KLARISSA WEAVER
CELINE MCDUFFIE
Writer's Assistants ..... KAITLYN JEFFERS
PALOMA LAMB
Trainer to Ms. Cox ..... ANNE REUSS
Studio Teacher ..... CINDY SHERWOOD

Construction Coordinator ..... MIKE MILLER
Construction Co-Coordinator ..... TONY MEDINA
General Foreperson ..... JEFFREY MCMAHON
Paint Supervisor ..... LARRY CLARK
Purchasing Foreperson ..... ERIC DEYOUNG
Plaster Supervisor ..... ERNEST LOPEZ JR.
Lead Sculptor ..... JAMIE MILLER
Decorator Gangboss ..... BRETT TOMLINSON
Greens Coordinator ..... DANIEL GILLOOLY
Scenic Artist Foreperson ..... RALPH SARABI, JR.
Scenic Artists ..... CHAD HOLBROOK
SAMUEL PACTOL
Sign Writer Supervisor ..... MICHAEL VASQUEZ
Labor Forepersons ..... ALEX AGUILAR
RUBEN LAHN
AJ URQUIDEZ
Welding Foreperson ..... CALEB PHILLIPS
Millshop Foreperson ..... FREDERICK ROBERTS
Sign Writer Foreperson ..... ARCHER WATKINS
CNC Modeler ..... MARK KLIMKO
Buyer ..... JORDAN WATTS
Tool Foreperson ..... COLE MILLER
On-Set Construction ..... SHANNON MULLINS
Greens Gangbosses ..... KIERAN GILLOOLY
WILLIAM TRIPPE
Stand-by Greens ..... CHASE SHELTON

Paint Forepersons.....GREG MUSSELMAN
LARRY FARRIS
ELIZABETH HAGGARD
MIKE TORINO

Greens Forepersons

MIKE FLYNN
CARY GOEN
OHN HEMPHILL
LARRY SCOTT
MALLORY SHELTON

Propmaker Forepersons

AMANDO CALHOUN
JEREMY ALAN COOK
JOE COUCH
SETH GARDNER
JOSEPH GRAY
DAVID LONG
WILLIAM MONROE
MICHAEL O'NEAL
DUSTIN PAYNE
BILLY ANDREW WADE

Catering by.....TONY'S CATERING
Head Chef/Owner..... TONY KERUM
Chef Driver ..... HOLMES JIM
Chef Assistants..... WILL ADAN
GARRY NAZAIRE

Catering Assistants

EMELY GUADALUPE ADAN GONZALEZ
ARALIZ SOBERANIS
ESTEFANY YANET RODRIGUEZ
RUBEN RODRIGUEZ VEGA
JORGE LUIS FRAGOSO
Key Craft Service..... BRYAN SHANK
Craft Service Assistants.....FATEMEH AMINI
INDIA MARTIN
MICHAEL SAMMOUR
SHELLEY SMITH
Supervising Medics ..... DERRON DELANEY
NOAH HOWARD
Set Medic..... SHAWN DELANEY
Medics .....SANFORD BARDEN
MICHELLE STRAUSS
WILLIAM WILSON
Set Security.....BREA CHILDS
JASON COLLIER
JOHN CULLINS
JACK ROACH
Transportation Coordinator .....TYSON WEATHERFORD
Picture Car Coordinator ..... KEN GOLDWASSER
Transportation Captain..... GARY WEATHERFORD
Picture Car Dispatcher..... RANDI LAYNE
DOT Coordinator..... GRAHAM READY
Picture Car Mechanics.....BEN BLAZAVICH
CHRIS BRUBAKER
JORGE CASILLAS
DOT Compliance..... SHANNON YOUNG
Transportation Dispatchers.....LANA FISHER
Transportation Production Assistants.....BRETT RENOVA
PARKER CURTIS

Drivers

MICHAEL RENOVA
SHERI BURTON
NORRIS PITTS
ALFRED BOYKIN
RODNEY CURTIS
NIK ALLEN
RODNEY AUTREY
DUMONT CAMP
MANUEL CARLEY
DAVID CATO
RICKEY CROWE
RONNIE DAVIS
KENNETH DOBBS
MIKE DOBBS
CHARLES FARR
DIMITRI FOTOPOLUS
BRIAN GOLDMAN
KEVIN HARGROVE
SHANE HASTY
WAYNE HOGAN
RALPH HOLT
NATE HOWARD
JOEY HUEY
RICK IVEY
DALE JACKSON
KEVIN KELLEY
DONNA KOPACZ
MIKE LOUGHREY
CHARLENE MATTHEWS
GUS NEWTON
RAYMOND ODELL
ROBERT OXFORD
TRACY OXFORD
PHIL PARR
VICTOR PULLIAM
GAYLE RAWLINS
MIKE RODGERS
MITCH SEIGLER
AARON SMITH
KRISTIN SMITH
SHERRY STANLEY
KEVIN STONE
CHARLES TENNEY
MARSHALL TRUMPOUR, JR.
MARSHALL TRUMPOUR, SR.
DERRELL TWEEDELL
RAYMOND VICOS
TABITHA WALKER-ROGERS
TIM TWEEDELL
MATTHEW WATSON
ROBBY WELLS
TRAVIS WELLS
HELEN WESTBROOK
COUNTESS WILLIAMS
EARL WILSON
MATT WITZ
RON YOUNG
JOHNNY WOODRUFF
JENNIFER WATKINS
ROBERT TAYLOR
ZACH OXFORD
COREY JONES
KENNETH GARDNER
JEREMY CARLEY

SECOND UNIT

First Assistant Directors ..... TIM FITZGERALD
DREW WHITEHOUSE
CODY WILLIAMS
Key Second Assistant Director.....KAYLEE JOHNSON
Directors of Photography ..... NICO AGUILAR
BRIAN PEARSON
Production Supervisor ..... RACHAEL LIN GALLAGHAN
Assistant Production Coordinator.....OLIVIA GUDE
A Camera Operator ..... RYAN WOOD
A Camera First Assistants.....MATT HEATH
IAN CAMPBELL
A Camera Second Assistants..... PETER JOHNSON
DANIEL IRONS
B Camera Operators..... DANNY ECKLER
KEITH PETERMAN
B Camera First Assistant.....ROBERTO DELGADO
B Camera Second Assistant.....RODELL FRANCIS
Digital Imaging Technicians .....QAIS KARADSHEH
KEVIN COLBER
Digital Utility.....LIZ METZ
KEVIN GASPAR
FREDERICK WYNN
Camera Loader.....NATHANIEL POOSER
Second Second Assistant Director ..... RYAN PEZDIRC

Assistant Prop Master ..... MATTHEW MAHANY
Property Assistants ..... ZACH RAWLINSON
RYAN CROWLEY
BROOKE CLAUSEN
On-Set Dresser ..... KASHIEF MOBARA
On-Set Painters ..... DOUGLAS LEDERMAN
LARRY FARRIS
SFX Set Foreperson ..... CAIUS MAN

SFX Technicians

STEPHEN KNOTT — JEFF KNOTT
JOSH MITCHELL — CARLOS PARK
CHRIS JOHNSON — BRUCE MERLIN
EZRA GREENBRIDGE

Makeup Dept Head ..... ADAM WALLS
Makeup Artists ..... WILL ZUIDEMA
JESSICA CRAIG
KELSEY BOUTTE
TRUDIE STORCK
Chief Lighting Technicians ..... STEPHEN CROWLEY
JAMES THOMSEN
Assistant Chief Lighting Technicians ..... MIKE DAVIS
CHAD SCHROEDER
Lighting Console Programmers ..... RYAN REIGNER
HANNA MCGUGAN
Key Grips ..... BILL MERRILL
STEVEN SERNA
Best Boy Grips ..... TIM DRISCOLL
NEIL GORDON
Dolly Grips ..... CLAY CALDWELL
ANDREW RICE
Script Supervisors ..... JANINE GOSSELIN
LISA BLANCHAR
Transportation Captain ..... DAVID JACKSON
Key Craft Service ..... DANIEL GRAY
REGINALD SMITH
KRISTIN LAKES
CORTNEY MORRIS

Craft Service Assistants

CALDER MARRIA, JR. — CHRISTOPHER FILLINGIM
EVAN ERNST — CORTNEY MORRIS
SHELLY SMITH — CALI HIGHES
MICHAEL SAMMOUR

Video Assist Operators ..... JORDAN ELEY
ANDREW WILLIAMS
JACOB MCCOY
KYLE JENKINS
Video Assist Utility ..... ZAKYRA COLVIN
Video Playback ..... CHRIS ADAMS
EVAN MCCLIMENT
Sound Mixers ..... PAUL KATZMAN
GRAHAM KICKLIGHTER
Boom Operators ..... MATT THOMPSON
BEN FARTHING
Hair Dept Heads ..... RENE WARNES
LOUISA ANTHONY
Hairstylist ..... DEE CALIPOLITTI

Set Lighting Technicians

JASON STATEN — WAYNE SWAB
SAM GABBARD — TITO HENRY
RALPH MAYORAL-PARRACIA — ALLISON CROWLEY
JOHNATHAN TERPSTRA — TRES JEFFERSON
LUIS ORTIZ-MORALES — JON TITUS
SEAN MEYER — MICHAEL GUMINSKI
DOUGLAS HARMES — STEVE BETOLATTI
DAN EMO — TIM RYAN
BRYAN KEENAN

Grips

ARIEL NIZNIK — NICOLE KNIGHT
WILL SHUSTER — CYNTHIA STIMPHILL
CHELO DE JESUS — VINNIE GANDOLFI
KELLY MARSHMAN — JOEL FERGUSON
JASON O'NEAL — DOM GOODIE
KIMANI RICHARDSON — MATTHEW GWYNNE
BRANDON BLACKLY — JAKE SIMMONS
PATRICK PIERRE — RAY SKINNER
BRAYDEN RICE

Production Assistants

MICHAEL O'LEARY — CALEB GORDON-KILGORE
CHELSEA DOBRUCKI — ALYSSA GOLDMAN
ANDREW CRANE — SANDRA YULIETH
JARON CLINKSCALES — RANDY BURNETTE
NATERIA BARBER — GARRETT SAMPSON
COURTNEY HALL — MALLARY BUNDY
MARTHA ANGER — MADDIE BRENT
GRANT PETRUCCI — JEFF DAVIS

ADDITIONAL PHOTOGRAPHY UNIT

First Assistant Director ..... DAVID WATERS
Key Second Assistant Directors ..... ROB HOFFMAN
SCOTT BROWN

Stunt Performers

TANNER BYLE — ALEX CHANSKY
JOHN CULLINS — CORY DEMEYERS
CRYSTAL HOOKS — THEO KYPRI

Second Second Assistant Director ..... CAMERON EVERSON
Additional Second Assistant Director ..... VICTORIA RUPERT
Script Supervisor ..... KIMI WEBBER
Supervising Art Director ..... DREW MONAHAN
Art Director ..... LIZ WEDDING
Digital Asset Manager ..... CLAIRE CARSWELL
Art Department Coordinator ..... NANCY KING
Production Supervisors ..... ADAM BAYLESS
JESSE MORRISON
Assistant Production Coordinators ..... JORDAN LAVELLE
CHRIS MCINTURFF
Apprentice Editor ..... JAMIR WHITE
Data Wrangler (Splinter Unit) ..... GARY SANCHEZ
Production Coordinator ..... JOE COLAVINCENZO
Travel Coordinator ..... REBECCA DRUMMOND
A Camera First Assistant ..... ANDY HOEHN
A Camera Second Assistant ..... BOBBY MCMAHAN
B Camera First Assistant ..... PAUL WOODS
B Camera Second Assistant ..... TONY FALLICO

B Camera Operator . . . . . JOE BLANKINSHIP
C Camera Operator . . . . . CHRIS FENNER
C Camera First Assistant . . . . . COLIN DURAN
C Camera Second Assistant . . . . . NICHOLE CASTRO
Camera Second Assistant (Splinter Unit) . . . . . BROCK BYRD
Loader . . . . . DANNA GARCIA
Camera Utility (Splinter Unit) . . . . . FRED WYNN
Camera Operator (Splinter Unit) . . . . . BILL SAXELBY
Camera First Assistant (Splinter Unit) . . . . . GREG IRWIN
DIT . . . . . JAZZ PIERCE
Camera Utility . . . . . NASSRIN ALIABADI
ALEC SMIRDOLO

Production Assistants

KELLY BALAGURCHIK — DEJOANE BOWMAN
DARRYL BYNEM — STEVEN CORRADO
REBEKAH COVEY — MARLOWE DITTRICH
SAM HURLEY — SHAYLA JACKSON
DORIEN JAEGAR — MATT JOHNSON
RICO LOAIZA — EDUARDO LOZANO
TRAVIS MEGUIRE — MALLORY PROST
RILEY O'DELL — DUSTIN RILEY
AARON SIMPSON — SALLIE SLEDD
PETER SWANSON — CHELSEA SOLOMON
CHRIS STYRON — NICOLE TIERNAN

SFX Foreperson . . . . . STEVE FICKE
SFX Technicians . . . . . ROY MARTINEZ
BISHOP WATTS
Set Decorator . . . . . MÓNICA MONSERRATE
Leadperson . . . . . JASON OLSON
Set Dec Coordinator . . . . . COURTNEY DEES

Core Dressers

COLTON COMANS — CHELSEA STAGGS
BEN COUCH — TAK MASUDA
JOHN BAYLES — ADAM KNYCH

Buyer . . . . . RACHEL BELL
On-Set Dresser . . . . . MATT BARR
On-Set Dresser (Splinter Unit) . . . . . DAKOTA HEATON
Key Grip . . . . . JACK CHOUCHANIAN
Best Boy Grip . . . . . RYAN KIRK
B Dolly Grip . . . . . COREY CORONA
C Dolly Grip . . . . . ROB MCFALL
Production Controller . . . . . RUDY COBLENTZ
Production Accountant . . . . . LINDSEY ELLIS
First Assistant Accountants . . . . . FERNANDO BENITEZ
MAXWELL KOVAL
Second Assistant Accountant . . . . . RAKELL GIBBENS
Accounts Payable Clerk . . . . . ALDANY DIAZ
SARAH OSTROFSKY
Payroll Accountant . . . . . KATLYN NEYLON
Payroll Assistant . . . . . ALEXIS CALDWELL
Payroll Clerk . . . . . BRETT MARR
Assistant Property Master . . . . . ERIC KAGAN
Property Assistants . . . . . LAURA LESTER
MICHAEL HEATH
Production Sound Mixer . . . . . MARCUS PETRUSKA
Boom Operator . . . . . LEO NASCA
Sound Utility . . . . . KASHEED FRANCOIS
Video Assist Operators . . . . . ANDREW WILLIAMS
NOAH RASK

Grips

JENNIFER ASITIMBAY — DAVID GENIS
DYLAN GENIS — DAVID LEWIS
MIKE RICHARDSON — TAWAND SMITH
FRANKIE ZAMORA

Assistant Costume Designer . . . . . KRISTINA TAYLOR
Costume Coordinator . . . . . STACIA P. CLARKE
Set Costumers . . . . . RIKI LECOTEY
JOCELYN WALKER
Costume Assistants . . . . . DWAYNE CORNELIUS
SKYLAR SANDERS
Costume Supervisor . . . . . LESLIE ACTON
Key Costumer . . . . . ANDREW PATTERSON
Truck Costumer . . . . . MOLLY KAMRATH
Ager/Dyer . . . . . ANNE LEE
Extras Casting . . . . . ALYSSA JACOBSON
Labor Foreperson . . . . . BRYCE ALLEN
On-Set Paint . . . . . ANGIE DOVER
Head Chef/Driver . . . . . JOSE LOPEZ
Cook Manager . . . . . KEN CARROLL
Catering Assistants . . . . . ANGEL ADAN, JR.
DANIEL OSORIO
CRISTIAN PADILLA
BRYAN REYES
Key Set Medic . . . . . CECIL CHATMAN
Medic (Splinter Unit) . . . . . ELEASA MILANO
Location Manager . . . . . DAVID WILLIAMS
Location Coordinator . . . . . DIANA ARDILA
Assistant Location Managers . . . . . JOSHUA ACOSTA
LUIS CORRALES
DARRIUS TUCKER
Location Assistants . . . . . MARTIN AGUILAR
JENSEN CHAN
ETHAN COBB
Hairstylists . . . . . JEROME ALLEN
DAYARA CALIPOLITTI
Makeup Artists . . . . . JESSIE GAMBARDELLA
ADAM WALLS
On-Set Greens . . . . . CHARLIE TRIPPE
On-Set Construction (Splinter Unit) . . . . . JEFF HOFFMAN
Craft Service Assistants . . . . . SAMANTHA CUNNINGHAM
CHASE STAFFORD
Key Craft Service (Splinter Unit) . . . . . ESMIRNA VALDEZ
Craft Service Assistant (Splinter Unit) . . . . . ORENTHAL PATTERSON
Transportation Captain . . . . . CHARLES PICKARD
Picture Car Coordinator . . . . . JOSH FULLER
Picture Car Driver . . . . . ROBERT TWEEDELL
Picture Car Mechanic . . . . . TROY FRENCH

MARVEL STUDIOS

Head of Business & Legal Affairs . . . . . DAVID GALLUZZI
VP Business & Legal Affairs . . . . . HILARY JAY
Senior Production Attorneys . . . . . GRACE HAERI
RYAN GLOVER
Production Attorney . . . . . MONIQUE CURRY
Credits Executive . . . . . JEFF WILLIS
Credits Manager . . . . . JENNIFER GIANDALONE

Script Clearances Executive. . . . . .ERIKA DENTON
Clearances Manager . . . . . .JENNIFER WOJNAR
Head of Production Finance . . . . . .CHRIS MCCOMB
Production Finance Executives . . . . . .MAX MCFARLAND
KATHY MATTES
KAREN CROSSLEY
MATT MONACO

Production Finance Managers

MIKE SMIGIELSKI
DAVID C. ROMANO
SHIRLEY HSIAO
AISTE ANKUDAVICIUTE
MADISON D. HEILMANN
JESSICA ALVAREZ
SONIA RANDAZZO

VP Security, Content Protection & Facilities. . . MATTHEW SLATOFF
VP Physical Production . . . . . TREVOR WATERSON
Physical Production Executive . . . . . MJ CABALLERO
Product Placement Executive. . . . . JULIE A. KELLER
Physical Production Manager. . . . . .GRAHAM LAWYER
Story Manager . . . . . ANDREW REIBER
VP Visual Effects. . . . . .JEN UNDERDAHL
Visual Effects Executive. . . . . .GARY CARRILLO
Post Production Executive. . . . . GISELLE JOHNSON
Music Executive. . . . . FLETCHER BEASLEY
Post Production Manager . . . . . .HEATHER BENNERS
VP Content Operations. . . . . .RANDY MCGOWAN
Content Operations Executive . . . . . .EVA PRELLE DEBOSE
Localization & Mastering Executive . . . . . ROMANA SAMARITANI
Digital Operations Executive . . . . . .BRYAN PARKER
Digital Asset Coordinator. . . . . .GLENN GARRIDO
VP Communications . . . . . .ANGELA SHAW
Communications Manager . . . . . .LAUREN PEREZ
VP Franchise Creative & Marketing. . . . . DAVE BUSHORE
VP Franchise Creative & Marketing. . . . . .SARAH TRULY BEERS
Franchise Creative & Marketing Executive. . . . .KRISTY AMORNKUL
Head of Unscripted Content. . . . . JEFF REDMOND
Unscripted Executive. . . . . .LISA ZUSMER DELPRETE
Head of Technology. . . . . EDDIE DRAKE
Production Technology Executive. . . . . KATIE HINSEN
Production Technology Managers . . . . . .MICHAEL MALONEY
KATIE MITCHELL
ANDREW NIELD
HR Business Partner Executive. . . . . .MAYERLING DIAZ-WILSON

Marvel Studios Parliament

STEPHEN BROUSSARD
JONATHAN SCHWARTZ
BRAD WINDERBAUM
NATE MOORE
TRINH TRAN

Marvel Studios Production & Development

SANA AMANAT
MICHELE BLOOD
JENN COCCIMIGLIO
KYANA F. DAVIDSON
RODERICK FLUCAS
BRIAN GAY
JILLIAN HENRY
KELSEY LEW
ISHI METKAR
NICK PEPIN
BOJAN VUCICEVIC
JENNA BERGER
BRIAN CHAPEK
GRANT CURTIS
EMILIE FLEUETTE
EMILY FONG
LAUREN GORALSKI
WENDY JACOBSON
MARY LIVANOS
ZOIE NAGELHOUT
JORDAN ROGERS
KEVIN R. WRIGHT

Marvel Studios Physical Production, Post Production, and Visual Effects

DIDI ASUZU
DANNY BROWN
BEN FROHMAN
RANDI JACKSON
ABHINAV KALAVAR
TAMARIN PANAMA
ANDREA REGINE REYES
ALEXIS AUDITORE
ANDREA FALSONE
ALEXANDRA HALE
BILLY JANG
CHRISTOPHER MONROE
JACQUELYN RACINE
TANISSA POTROVITZA SCHOEN

Marvel Studios Legal

RYAN POTTER
JANE BECKER
DANIEL LOPEZ
MATTHEW GILBERT
RACHEL VIGNEAUX
NIGEL GOODWIN
DANIEL STURM
ASHLEY J.M. JONES

Marvel Studios Finance and Accounting

ANDREA ARCHILA
JENNY LYNN BURNETT
VIC CHIN
RANDELL GASKINS
NATTAKARN KULLAMART
JASON LEVINE
JOSE RODRIGUEZ-MORALES
MEL RAY SANDVIK
JAN S. UTSTEIN
WILL BJORHOLM
JEANNETTE CARDONA
SASITORN CHITRANIKROH
DAVID HEFFLER
VANESSA LANDRY
CHANDLER MARLIN
MATT ROZZANA
KELSEY SCHNEIDER
RACHEL YOFFE

Marvel Studios Franchise Creative & Marketing

CAPRI T. CIULLA
ADAM DAVIS
HAYLEY GAZDIK
DEREK LUMPKIN
JULIO PALACOL
JACQUELINE RYAN-RUDOLPH
SUSAN WAWER
DA'QUAN DAVIS
SOFIA FINAMORE
IRIS LEE
NIKKI MONTES
JINAH PARK
ARIEL L. SHASTEEN

Marvel Studios Content Operations

JULIE BALDONADO-SMALLWOOD
KAREN CHEN
JACINDA DOLWICK
ALY GIRLING
ELI HOLMES
ANIKA HUSSEN
JILLIAN LARGOZA
SUSANA LOU
LAUREN C. MEISENHEIMER
SABRINA SPARLIN
JIM VELASCO
TOBIAS BATES
MATT DELMANOWSKI
VINCENT C. GARCIA
KANDON HAYNES
DARYN HOUSTON
PERCIVAL LANUZA
ARNDREA LEWIS
ASHLEY MATSUNAMI
ANTHEA OBA
ANDREW STARBIN
JON WEAVER

Marvel Studios Technology

HECTOR BARRERA
VINCE CERUNDOLO
CHRIS COSSEY
BENJAMIN DAVITT
ALLYSON GEIGER
JUERG GRIEDER
JACQUELINE HUTCHISON
NICHOLAS HYBL
GEORGE KOUSAROS
JUDY LIN
LEELA NAVARRO
KARLA SILVA
ISABELLE WARD
ALDO BIERY
WILLIAM CHANDLER
EMMA CUITINO
KARTIK DEO
LUOWE GOANEH
JJ HABENICHT
HEAJUEN HWANG
BO KOMEN
GILBERT LAUN
JORDAN MCBRIDE
VINH NGUYEN
KEVIN VENABLE
STEVE ZASLAVSKY

Marvel Studios Security, Content Protection, and Facilities

BARRY CURTIS — MAT DORNEY
MARC ZORN — ALECIA EMERSON-THOMAS
AMBER ZAZUCKI — PAYDEN EVANS
MADISON GREEN — MELISSA DAYAO
MARIA MATSARIDIS — JACOB BISSELL
ISAAC HUNTINGTON

Marvel Studios Costumes Team

WENDY CRAIG — DOUG MALLETTE
HUNTER CRAIG — CHRIS NEWLANDER
CORY PRATT — ROSS FLEMING
TY MILLER — MIKE MACFARLANE
DOMINICK DERASMO — BOB MOORE, JR.

Marvel Studios Plates Lab

CHRISTOPHER CHAPMAN — JOSH DAGG
MEGAN FLOOD — COLLIN PELTON
XAVIER ROMO — YEANN TAI

Echo Created by ..... DAVID MACK and JOE QUESADA

With Special Thanks To

ED BRISSON — KYLE CHARLES
STAN LEE — LUCA MARESCA
JIMMY PALMIOTTI — REBECCA ROANHORSE
JOHN ROMITA SR. — DAVE ROSS
GUILLERMO SANNA

WALT DISNEY STUDIOS

President, Marketing ..... ASAD AYAZ
EVP Marketing ..... FRANK CHIOCCHI
SVP Marketing ..... RYAN STANKEVICH
SVP Creative Advertising ..... JOHN "IBBY" IBSEN
SVP Digital Marketing ..... JESSICA INTIHAR
Head of Operations ..... RACHEL HUTTER
SVP Global Digital Studio Operations ..... DANIEL BAMSEY
Mastering Executive ..... ANDREW BRUTOCAO
VP Client Services ..... STEPHEN SWOFFORD
Sound Services Manager ..... DAWN BIRO
Projection Services Manager ..... SAL VALLETTA
Filmmaker Services Executive ..... SHANNON REID STEPHAN

Filmmaker Services

MADISON MERRITT — CHRISTOPHER ALLEN
NATALIE MANGIONE — JASMINE OSUNA

EVP Publicity ..... MICHELLE SEWELL
VP Publicity ..... KARA SPECTOR
VP Film Production Planning ..... MARYANN HUGHES
VP Technology Architecture ..... SHADI ALMASSIZADEH
VP Insights & Analytics ..... ERIK CROUTHAMEL
VP Sound Post Production ..... BRIAN SAUNDERS
Projection Engineering Supervisors ..... KENT PETERSON, MIKE SCHUBERT
Post Production Engineers ..... FRANCISCO J. PAREDES, MEGAN LUSK, VAN LUONG, STEPHANIE HAAS
SVP Global Partnerships ..... MINDY HAMILTON
Risk Management ..... MATT RUFFNER, JENNIFER DOMINGUEZ
Credit & Title Administration Executive ..... KIRK RINGBERG
Credit & Title Administration ..... JENIFER BETH KAPLAN, JON HOEVELER

Walt Disney Studios Marketing

MICHAEL IMPERATO — BARBARA A. LANGE
BRIAN MCKENNA — RHONA NICI PARRY
STEVE NUCHOLS — DUSTIN SANDOVAL
MICHAEL TRICE — LAUREN WRIGHT SOBEL

Avid Engineering

JEFFREY K. FU — KIEL HUNT
BRENT KOETTER — GABRIEL B. LARA
STEPHEN POTTER — IAN YOUNG

VISUALIZATION

Visualization by
THE THIRD FLOOR

Visualization Supervisors ..... BRI MEYER, JASON THIELEN, CAITLIN INZINNA, SCOTT HANKEL
Visualization Editors ..... ETHAN MANIQUIS, JASON M. HARVEY
Visualization Producer ..... ELIZABETH MONTES
Visualization Line Producers ..... BRETT GRISHAM, MEGAN HARGER
Visualization Production Manager ..... TANNER BRANDT
Visualization Coordinator ..... ALYSSA NICHELE ANDERSON, ASH MALONE

Asset Artists

CALVIN SHAWN TRAN — MARIA SERRANO
ERIK SHVEIMA — DOM LUKOW
STEVEN SEYDEL — MELANIE CELIS

Visualization Artists

LAZARO HERNANDEZ — STEPHANIE HIDALGO
SEBASTIAN ARIAS — NICHOLAS DUBOIS
DANIEL W. BARLOW — DAVIES RUSHING
EDWARD PERRY SMITH — JORGE DE LA CADENA
JOSHUA THOMAS OGLE — HANNAH LEE
JAEHYUN YOO — SKY SMOOT
DANIEL WIGGINS — ALEXANDER J. FRENCH
KAZUNOBU SANO — HECTOR AGUIRRE
JUSTIN FRAZIER — ASHLEY TRAWICK
ELIZABETH LEE — LOUIE MONTOTO
ROY CUNNINGHAM — TIMOTHY N. TEAMER
ISAAC RAMIREZ — JASON BURNS
JIAMIN KINO WU

Management

CHRISTOPHER EDWARDS — DANE ALLAN SMITH
JEREMY ODDO — ALLIE KOPPEL
LAUREN MOORE — LAURA ZENTIL
MARKUS RISTICH — KRISTINA LESIK
KARA MISENHEIMER

VISUAL EFFECTS AND ANIMATION

Visual Effects and Animation by
Industrial Light & Magic, a Lucasfilm Ltd. Company

VFX Supervisor. . . . . STEVEN GODFREY
Additional VFX Supervisors. . . . . IVAN BUSQUETS
TRISTAN MYLES
Associate VFX Supervisor. . . . . CHARMAINE CHAN
CG Supervisors. . . . . ROEL COUCKE
EDMUND KOLLOEN
MICHAEL WANG
2D Supervisors. . . . . RYAN DUTOUR
TOM WHITTINGTON
VFX Producer . . . . . JAMES SCHEMBRI
Production Managers . . . . . ANDREA HATHAZI
TABITHA WOODMAN
Line Producers . . . . . ROZALIND GREEN-INNES
AMANDINE GUTIERREZ
Animation Supervisors . . . . . ALEXANDER K. LEE
TED LISTER
VFX Executive Producer . . . . . JEANIE KING

Digital Artists

ITAMAR ALONI — HAE JIN AN
LUKE ARMSTRONG — LIAM BARLOW
MIGUEL BILBAO — TOM BASKAYA
CLAIR BELLENS — RICHARD BENTLEY
ADAM BLANK — STEVEN BODEN
RAUL BOZA — SHILPESH C MANE
RONAN CARR — MICHAEL CASHMORE
JOSHUA CHAPPELL — YEN-CHEN CHEN
JULIAN CHONG — CALEB CHOO
CRAIG CHRISTIAN — MARIA CORCHO
CORINNE COWGILL — SAMUAL DAWES
ROBERT DORRIS — EMILY ELLIS
EMMA ELLUL — JENZEL FANTOLGO
VINICIUS FAVERO — MARCO JUAN ROXAS FIRME
CARLOS FLORES TAVITAS — CARLOS FLORES-GOMEZ
JULIEN FRADIN — CLEMENT GERARD
MICHELLE GOH BEE HUI — DAN GRIGSBY
JULIAN HODGE — SANTIAGO ITURMENDI
JACK JENKINS — ODIGIE JOHNSON
DONG YON KANG — ZAIN KHAN
PRAJAKTA KHATAL — JACK KILYAN
DONG KYU KIM — CHRISTIAN KUNTZ
DANE LAROCQUE — ALICE LOCURATOLO
ALEXANDRE MARASSA GODOY CABRAL — GIANMICHELE MARIANI
SCOTT MARRIOTT — WILL MARTINDALE
ALICE MC LOUGHLIN — LORENA E'VERS
RYO MIKAI — DAVID MIR CUADRADAS
SRIJITH MOHANAKRISHNAN — DENNIS MÜLLER
NICOLAS NGHIEM — MARK OSBORNE
ALESSANDRO PIERI — MARNIE PITTS
ANDREW POTTER — DINESH RAJA
CARLOTA PRIMO REBON — ANTONIO RODRIGUEZ DIAZ
ARINDAM ROY — ASH RYAN
ALBA SANCHEZ-SERRANO — SHUAIQI SHAO
BRIAN SILVA — KEITH W. SMITH
NATALIE SMITH — LIAM SPENCER
CARL ST-PIERRE — MARIS STEKELS
DAISY SUMMERFIELD — ROBERT SZABO
JUAN TORO GARCES — MARK TREMBLE
ADAM TROWSE — MATTHEW TSAI
FREDERICK VALLEE — FELIPE VARGAS
PIMNARA VONGSUPHAR — JONATHAN VUILLEMIN
CHRIS WEST — CHRISTOPHER WHITTLE
KAITLYN WILLIAMS — HOD WINTER
JOE WONG — MARK S. WRIGHT
DAVID WU — KEVIN ZIMNY

Production

STEFANIE DESIRA — JOSHUA EBANKS
ALVARO FERNANDEZ GARRUDO — HIKARI HOSHIKA
NICHOLAS LUM — STEFANIE MATEI
ISABEL MARIA CAMPOS NEVES — JENNIFER SMITH
JESSICA STEEN — SAMUEL WALKER
MICHELLE WAN

Studio Operations and Technology

EMILY BLAND — LOUISE ESTEPHAN
JESSICA LOW — ANTOINE MILLIEZ
JESSICA SARGANT — ALVIN TAN
PARNIKA TIWARI — RICK YANG

ILM Executive Staff

REBECCA BARBOUR — ROB BREDOW
SPENCER KENT — JANET LEWIN
SUE LYSTER — BEN MORRIS
LUKE O'BYRNE — JEFF WHITE

Additional Visual Effects by
SDFX Studios

Additional Visual Effects by
YANNIX

Visual Effects by
DIGITAL DOMAIN 3.0

VFX Supervisor. . . . . ALADINO DEBERT
VFX Producer . . . . . RYAN WILK

Supervisors and Production

ERIC M. BEAVER — DAVID LIU
LAUREL MONTGOMERY — ARDA UYSAL
ROB VIGORITO — KEN NELSON
DAVID AN — JENNIFER AVERY
FRANCIS BAYARD — RAJASHEKAR BOLLARAM
SRIDHAR EGA — ELEANOR MATTHEWS
VIJAY RANGU — LILIAN ROSE SMITH
AUBREY LADAN — NEHA SANDHU
MATTHEW WADE STOKES

Lead Artists and Digital Artists

CYNTHIA ARAGÓN TREVINO — JOE CHIANG
ERIC COWAN — JANET FREEDLAND
VENKAT GADDAMPALLY — KISHOR JOSHI
MARION MAHU — JAYMIE MIGUEL
TANNER OWEN — HAREESH POLA
MURTHY PUTREVU — HANUMANTHA RAO B
SRINIVAS REDDY VONTELA — NAGUR SHAIKH
EDMOND SMITH III — NELSON SOUSA
PAVAN SUTRAYE — CHRIS WATKINS
EUGENE ANTSIFEROV — RYAN BRIDGER
JOSH CLOS — RAFAEL FRANCISCO COLON

NAVID DADGAR
RAFAEL ECHEGARAY
VICTOR UTKU GOCER
THOMAS HOZE
SYED HASSAM HUSSAIN JAFRI
PAUL KULIKOWSKI
NICHA KUMKEAW
RAPHAEL LEGROS
MATTHEW LUCAS
NICOLAS NDAME EBOSSE
CLARISSA PEÑA
YOANN SCHMID
TAMARA STONE
SUSIE THULLIEZ
JEREMY YEO-KHOO
SRIHARI REDDY AMUDAM
BALACHENDER ARROLLA
MARIA DELGADILLO RICAUD
JORDAN FAST
JIM HATIBARUA
MANUEL HUERTAS MARCHENA
BRUNO KAWABATA
NEMA SAFVATI
SEUNG JAE LEE
ANDREW LEMA
PATRICK MANNING
MAXIME PELLETIER
ASHWIN SAREEN
SHRIVAS SHYAMSUNDAR
KRISZTIAN SZEIBOLD
JASON TRANETZKI
DENNIS DUHUI YOON
SUDHA SRINIVAS MUSUMURU

Visual Effects by
BASE FX

VFX Supervisors. . . . . JARED SANDREW
WANG LEI
Production Managers . . . . . BRON BARRY
SHEENA ZHAO
Head of Production . . . . . SONIA NIU
Asset Supervisors . . . . . WANG XINGAN
HON WUI YAP
Effects Supervisor . . . . . QIN YAN
Digital Matte-Painting Lead . . . . . WANG LU
Lighting Leads . . . . . LAVENDER YUAN
WANG HAO
Rigging Lead . . . . . ZHANG MINGMING
VFX Editors . . . . . GONG KE
WANG QI
Base FX Executive Producer . . . . . SHAD DAVIS
CEO . . . . . CHRIS BREMBLE
Production Coordinators . . . . . DENG KUN
LAUREN YIN
CG Supervisor. . . . . JIA GUODONG
Effects Lead. . . . . DENG HONGJI
Comp Lead . . . . . WU TIANGE
Roto/Paint Leads. . . . . ZHANG YUNFEI
SUN JIANWEI
Matchmove Leads . . . . . LI BIN
MELODY LIU
Production Team. . . . . NURUL BALKINS HAIRUL ANUAR
CEEJAY CHIN
LORCA ZHAO
LIU MINGYUE

Asset Artists

CHUN LIANG NG
LI XIANG
WANG ZHIHAN
CHARLTON CORDOBA
WANG QI
ZHONG ZUHAO
KOK KIM KHOR
LIU MI
ZHANG CHUNJIE
TIAN FUGUO
LIAO ZEEN

2D Artists

CHANG YANG
FENG DAN
HE SHUANG
HU ZIYI
LI AOZHE
LIU HENGQUAN
LIU YONGLE
NIU MINGLI
QIAO WENFA
WANG JIABIN
WEI LIMEI
YIN SHUAI
XU CHENGCHENG
FENG WU
LI YAPING
SHI YANXING
WU LIXIA
CHANG ZHUANG
GAO WENTING
DENG HAONAN
GUO SHENGMING
HAN HUIQIN
HUANG HAORAN
LI XUECHEN
LIU LIRONG
LU XIAOJING
QIAO YIZHE
SUN ZE
WANG PANPAN
YANG YANG
ZHANG JIALIN
AN MING
KANG JIAN
OU JUN
SUN YULI
ZHANG XUEFENG
LIU HUIDAN
LI JIAJIA

3D Artists

BI YANCANG
DU JIANGFAN
GONG SHUAI
HU KUAN
JING YIFAN
LI CHONG
LI PINXUAN
QIU KANG
LI XIUCHANG
WANG LIN
WEI HAIXIA
XU ZHE
ZHANG QING
CHEN LONG
FAN PENGBO
HE XIAOMENG
HU LIJIAO
KAH YEE LEE
LI JINGXIN
LI RUNLIN
RAMESH EDUPALLI
SUN PEIYANG
WANG YINGAO
XIE LIYAN
YANG HUIYU
DONG QINGBIN

IT & Pipeline Support

CAO FEI
ZHANG CHUNXIAO
CHI YUREN
LIU ZHIWEI
WANG HAO
WANG XUESONG
ZHANG YANTAO
LIANG YUE
QIANG BAOSHI
XIE MINGHUI

Visual Effects by
BARNSTORM VFX

VFX Supervisor. . . . . CHUN SEONG NG
VFX Producer . . . . . SUMIRE TAKAMATSU
CG Supervisor. . . . . STEFAN SCHNEIDER
Compositing Supervisor. . . . . MICHAEL CRANE
Executive VFX Supervisor. . . . . LAWSON DEMING
Executive VFX Producer . . . . . CORY JAMIESON
Global Head of Production . . . . . CHAD HUDSON
VFX Production Manager. . . . . KRISTINA LEE

Artists & Production Support

HONEY KHADEM
CLARA COULTER
ALEX YOUNG
ANTONIO CARBAJO BESCANSA
MARC BONNEVIOT
JACOB KUHNE
JOE SALAZAR
JAYRAJ KHARVADI
NICK CHAMBERLAIN
BEN MCDOUGAL
BRIAN HOBERT
KAREN HULSE
MARC BELL
KARTHIKEYAN KARUPPASAMY

RICK RAVENELL
SILSUNNY DSOUZA
RALPH DE SOUZA
ANDREW STEIDTMANN
KA CHUN CHENG
MURIPALA SUNIL
WANDA KWOK
SANG MYEON PARK
DAVE LADNER
MATTHEW ROBILLARD
MATTHEW GEORGE
JAMIE WONG
JEREMY MELTZER
ALEXANDER MACHI
AUSTIN ANDERSON
TIM CARRAS
MICHELLE PINARGOTE
JASON KUO
BHARTI JOGIA-SATTAR
JOSE ALEJANDRO ENRIQUEZ
DANIEL CORONA
JUSTIN FOX
CAITLIN KNAPP
BETSY BINA
BRADFORD DAWSON
NICO PUCCIARELLI
LUIS CANELA
ROBERT CENDEJAS
ASHLEY PERFONIC
JERRY WHITAKER
AMANDA ADAMSKI
ROBERT LAUGHLIN
JUAN FERRA
TAMARA MITCHELL
MICK REID
AKKO SINN
KENNETH ARMSTRONG
BILL PARKER
MARCUS RUBONE
DAVID WOLGEMUTH
VIKAS JAISWAL
MATT FEZZA
NIKHIL PATIL
CHRIS PARKS
MICHAEL ENG
BIBI FONTANA
ANGEL MURO
TARYN FOSTER
YAIZA CARRASCO
ERIK NELSON
VERONICA WANSTREET
JULIA PFEFFER
LAURA LEE
ASHISH RAISINGHANI
BENJAMIN CHENG
CHRIS MARTINEZ
PRATEEK RANGINENI
JORDAN SOLA
MJ CHENG
HANNAH KILLIAN
GLORIA PAYMANI

Visual Effects by
LOLA |VFX

VFX Executive Producer . . . . . WILL ANDERSON
VFX Producer . . . . . KATHARINE MEADOWS
VFX Supervisor. . . . . TRENT CLAUS
EP/Supervisor. . . . . EDSON WILLIAMS
VFX Coordinator . . . . . LAURA B. ABELLAN
Accounting . . . . . CARLOS MORENO

Digital Artists

BRIAN HAJEK
DAVID MYLES
TAKAHIDE NAKAMURA
MATT CORDERO
WEI-LING FU
JASON SCHAEFER
DAVID HERNANDEZ
SHANNONN ALCANTAR
MEGAN WHISENHUNT
ALLY HALL
ABBY HALL
KAYLEE HATFIELD
GREG MEADOWS
COREY LAISURE
CHRIS CABRERA
RUSSELL MACK
NATSUKO YAMASHITA
SUN LEE
SIMON DEIGHTON
ANDREW STUCHLIK
JACOB METCALF
CLIFF WELSH
SOPHIA STUEVEN
JAMES O'BRIEN
ANGELA WALSH
ANNIE WANG
ALEXANDER PAEN
BRIGETTE MARTINEZ

Visual Effects by
CANTINA CREATIVE

Senior Creative. . . . . STEPHEN LAWES
VFX Supervisor. . . . . .TONY LUPOI
Systems Engineer . . . . . .DOUGLAS RENN
Cantina Creative Executive Producer. . . . . DONNA CULLEN
VFX Coordinator . . . . . .MADELEINE MCKEE
Office Manager . . . . . .ADRIANA GONZALEZ

Artists

WES C. CAEFER
MATT EATON
NATE JESS
PALOMA SKY RODRIGUEZ
CARLY CERQUONE
ROBYN HADDOW
SAM RICHARDSON

Visual Effects by
SDFX STUDIOS

Visual Effects Supervisor . . . . . .GRANT LEE
Senior VFX Producer . . . . . MARK SIMONE
VFX Associate Line Producer. . . . . KARI-LYN GRAVEL
Editors. . . . . .JESS JANSEN
GARRET HENRY
TD. . . . . .RYAN HIRSH

Production

KAIT BURNS
MAYUR SURESHRAO ADMANE
CHAITANYA ARUN GAUTAME
SIMRAN SARIF
RAYMOND BENJAMIN SEQUEIRA
MANISH WALMIKRAO MUDE
NITHISH GARLAPALLI
KAMAKHYA PRASAD SAHU
HAKIMUDDIN HUSAIN
SOUTRIK DEY
ASHISHKUMAR MISHRA
JAMIE KNOOP
DEO ASHISH
YOGESH KHEDKAR
VAISHALI GORADIA

Roto

AKSHAY KADAM
BHAVESH T. PATIL
RANJEET MADHUKAR PATIL
PRATIK DAS
SUMAN KUNDU
SUDHA NAIDU L
RUSHIKESH VEDPATHAK
WAGHMARE AWANTI ANNASAHEB
VAIBHAV JADHAV
OMKAR JADHAV
SUMED SALVE
SUKANTA KUMAR SWAIN
ABHILASH BABY
SURAJ SHINDE
ANKIT MISHRA
DHANANJAY PRAKASH MALUSARE
VAIBHAV DIGAMBAR KHAIRNAR
DHANANJAY RAJENDRA PATIL
RASMI RANJAN SAHOO
DASYAPU MADHU
ASHUTOSH SINGH
ANKIT KUMAR ASHOKKUMAR SHARMA
JAYENDRA PRAKASH JADHAV
SANKET GURAV
CHANDRASHILA LALIT MANSUKH
MAHESH SANTOSH BAGUL
SOMNATH J. KASAR
VAIBHAV GAIKWAD
ANIKET SHRIRAM GUJAR
SURYAWANSHI KAMLAKAR
HARMANDEEP SINGH
KAPIL CHHALOTRE
AMLESH KOSHTA
MANAGOVINDA SAHOO
CHETANKUMAR BALASAHEB SHEWALE
GOVIND RAJESH DAIYYA
KANTILAL DNYANESHWAR YEOLE
NILESH SANER
VIJAY YADAV

Paint

PRATIK BHAUSAHEB SHINDE
AMBADAS SHESHRAO KANGARE
PARAG RAJENDRA KAWALKAR
SUMIT PATIL
VINITA CHAUHAN
ANIKET SANJAY RELEKAR
RAVI KUMAR BHAGAT
ROHIT KUMAR SINGH
GAIKWAD RAHUL DATTA
KING KUMAR
MANGESH GOVIND GADEKAR
ARMAN MOHAMMAD AKHALAKH KHAN
GOVIND CHAUHAN
APURBA KUMBHAKAR
BIKRAM SINGH
ANANYA SHIVHARE
SRINIVAS POTTETI
VENUKUMAR DEVARKONDA
CHAVAN SHAM DINANATH
AKASH KUMAR SINGH
MANOJ KUMAR MARKAM
RAHUL ANANDA KUMBHAR
KAILASH KUMAWAT
PRAVESH BHOYAR
MOHAMMAD ABDUL WADOOD
SUDHIR KHANDEKAR
PINTU KUMAR
NILESH ASHOK JAGDALE
TUSHAR TULSIDAS BURSE
TIPU SULTAN
PRATEEK MISHRA
JAYANT RAMESH BHAVSAR
KAKADE AKSHAY BAPURAO
NIRAJ KUMAR
VISHAL D GORE
AJAY KUMAR PATEL
LAXMAN BHAGWANRAO DAFDAY
SUHAS PS
ESWARA CHANDRA TOKURI
ROHIT KHARADE
PANKAJ MADHUKAR UMBARKAR
SATISH AMBADAS WAKCHAURE
SUNIL KUMAR
MANISHKANT NARAYAN MEHTA
ABDULLA AJMAL AKHTER
MOHAMMAD AJAZ ALAM
SHIPRA SRIVASTAVA
SINGH SANJAY RAMRAJ

Compositing

YAEL MAJORS
DEREK TRACY
VILAS KANKUNTLA
ARJUN SAHAPURKAR
LEE MURRAY
HIMARAM MANDALI
MAYANK MEGHRAJ DAHEKAR
RISHABH KK WAL
SAURABH SANJAY JADHAV
SUYOG MORE
KUMAR ABHISHEK
VICTOR FERNANDEZ
PETER DOROSZ
SIVA NESAN
VRUSHABH H KUMBARE
MEGAN GRAHAM
VARDHAMAN PATIL
NAMAN GUPTA
GAURAV DHANDE
CHANDRASHEKHAR CHALLA
ADITYA MALWADE
SANTOSH KUMAR SINGH

Lidar & Cyber Scanning by
CLEAR ANGLE STUDIOS

NOAH PARADISO
SARAH GRIFFIE
JHOURDYNNE WINSTON
VALERIE WILSON
TRENT SIEBENTHAL
MELINDA DOBBS
JOSH WORKMAN
MEGAN CALAMUSA
KELLY PRESTON
NELSON MENDEZ
JOE WARNER
BRIAN LABREC

Main Titles by
SAROFSKY

Executive Creative ..... ERIN SAROFSKY
Creative Lead/Design & Animation ..... STEFAN DRAHT
Titles Editor ..... TOM PASTORELLE
Sarofsky Executive Producer ..... STEVEN ANDERSON
Sarofsky Producer ..... KELSEY HYNES

Design and Animation

ARIEL COSTA
JENS MEBES
JOÃO VAZ OLIVEIRA
ANDREI POPA
MATTHEW NOWAK
DAN MOORE
MOLLIE DAVIS

End Titles by
EXCEPTIONAL MINDS

VFX Studio Executive ..... MICHAEL SCHMUECK
VFX Compositing Supervisor ..... BRETT MCCONNELL
Lead Title Artist ..... THOMAS HARMONSON
Lead VFX Artist ..... ISAIAH STRUM
Artist ..... NATHAN FOLSOM

Post-Production Sound Services by
SKYWALKER SOUND
A Lucasfilm Ltd. Company – Marin County, California

Sound Designer ..... JON BORLAND
Sound Effects Editors ..... JESSEY DRAKE
TERESA ECKTON
Dialogue Editors ..... RYAN COTA
EMMA PRESENT
SHAUN FARLEY
DMITRI MAKAROV
ADR Editors ..... MARILYN MCCOPPEN
CHERYL NARDI
Foley Editors ..... DEE SELBY
IAN CHASE
Foley Artists ..... ANDREA STELTER GARD
SEAN ENGLAND
Foley Mixers ..... BONNIE WILD
CHRISTOPHER MANNING
Assistant Re-Recording Mixer ..... DEREK MCGINLEY
Assistant Supervising Sound Editors ..... MICHAEL LEVINE
GREG PETERSON
Engineering Services ..... AIDEN SMITH
Digital Editorial Support ..... SCOTT THEAKSTON
Post Production Sound Accountant ..... DANIELA PONTORIERO
Client Services ..... EVA PORTER
Sr. Manager, Studio Capacity ..... CARRIE PERRY
Head of Production Finance & Planning ..... MIKE PETERS
Head of Engineering ..... STEVE MORRIS
Head of Production ..... JON NULL
General Manager ..... JOSH LOWDEN

ADR Recorded at
THE WALT DISNEY STUDIOS – Burbank, CA

ADR Mixer ..... DOC KANE
ADR Recordists ..... BRETT VOSS
DOUG PARKER

Sound Engineers

ANDY WINDERBAUM — RYAN STERN
DAN ABRAMS — DANIEL TAPPAN
RYAN ROBINSON — TREVOR WARD

Additional ADR
IGLOO MUSIC
SMART POST ATLANTA

ProADR Looping ..... ML GEMMILL
BERNIE VAN DE YACHT

Loop Group

BRENT CHARLES — TORI DANNER
JOANNA DELANE — JODI HARRIS
DAVID HECKEL — ALEJANDRA JAIME
SANCHO MARTIN — JACOB PRATT
ELIZABETH SUTHERLIN — SERGIO VILLALPANDO

Digital Dailies Provided by
PICTURE SHOP ON LOCATION SERVICES

Dailies Colorist ..... CORY PENNINGTON
Dailies Assists ..... JERRELL SIMPSON
JOEY HILL
Sr. Color & Workflow Engineer ..... CHRIS BRANDS
Dailies Engineer ..... CHRIS GIUFFRIDA
Dailies Project Manager ..... DENISE WOODGERD
Dailies Operations ..... CHRIS VAN DUYN

Dailies Viewing Provided by
PIX

MUSIC

Executive Assistant to Mr. Jordan ..... AMANDA BEIR
Orchestrations ..... TIMOTHY WILLIAMS
Conductor ..... CHRISTOPHER GORDON
Contractor ..... ALEX HENERY
Choir Contractor ..... ELIZABETH SCOTT
Pro Tools Engineer ..... JEFF GARTENBAUM
Pro Tools Operator ..... LIAM MOSES
Additional Mixing ..... THOR FIENBERG
Score Mixer ..... SCOTT MICHAEL SMITH
Score Mix Technician ..... ALBERTO CRUZ
Scoring Engineer ..... CRAIG BECKETT
Assistant Score Engineers ..... CHARLIE HOWE
ISAAC ROSS
Score Recorded at ..... THE SIMON LEADLEY SCORING STAGE,
TRACKDOWN STUDIOS
Score Coordinator ..... ELAINE BECKETT
Featured Choctaw Musicians ..... PRESLEY BYINGTON
GARRISON JOE
Music Preparation ..... ROSS DEROCHE
JONATHAN DEROCHE
Music Librarian ..... CAROLYN BURKE
Music Coordinator ..... CHRISTIAN ZABALA
Music and Song Coordination .... ENCOMPASS MUSIC PARTNERS
Music Clearance and Legal Services ..... CHRISTINE BERGREN
ALEXA COLLAZO

Featured Choctaw Vocalists

BRENNER BILLY — BRYON BILLY
PHILIP BILLY — LISA JOHNSON-BILLY
ALISHA WILLIAMS — SETH FAIRCHILD

JINGLE DRESS SONG (WITH JINGLES)
Written by Dennis Lightning
Performed by Northern Cree
Courtesy of Canyon Records

BURNING
Written by Brian Chase, Karen O, Nick Zinner,
Robert Gaudio, and Peggy Farina
Performed by Yeah Yeah Yeahs
Courtesy of Secretly Canadian

ETERNALLY
Written by Joe Benson and Steve Singleton
Performed by Jo Jo Benson
Courtesy of Sun Records
By arrangement with Sugaroo!

AIHPIYIW
Written by Olivia Tail Feathers
Performed by Olivia Tail Feathers, Melissa Brewer,
Stephanie Brave Rock, Patti-Joe Bruised Head, Lacey Devine,
Amber Creighton, and Kainai Grassland Singers

UNTIE THE RIBBON
Written and Performed by Wanda Johnson
Courtesy of Fervor Records

A COMANCHE BLESSING SONG
Performed by Marla Nauni

WHEN WE REMAIN
Written by Samantha Jo Crain
Performed by Samantha Crain
Courtesy of Ramseur Records

Soundtrack album available on

MARVEL MUSIC
HOLLYWOOD RECORDS

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Strohman Inc.
Pearlene Utley
Najg Santana
Baje Whitethorne
JP Johnson
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SOHONET

Camera equipment and lenses provided by
PANAVISION

Grip and lighting equipment provided by
MANHATTAN BEACH STUDIOS

Camera dollies provided by
CHAPMAN LEONARD

Filmed at
TRILITH STUDIOS

Drone Photography Provided by
ASCEND AERIALS

AVID equipment provided by
EPS CINEWORKS

Digital Projection Technology and
Managed Services provided by
CHRISTIE

Produced with the support of incentives for the Irish Film Industry provided by the Government of Ireland

Rialtas na hÉireann
Government of Ireland

With the participation of the Province of British Columbia Production Services Tax Credit

CREATIVE BC

BRITISH COLUMBIA

Québec
Production Services Tax Credit
Gestion SODEC

ONTARIO CREATES

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TEAMSTERS

AMERICAN HUMANE ASSOCIATION

American Humane monitored the animal action.
No animals were harmed®. (AH 11958)

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In Loving Memory of
AMY CHANCE

MARVEL STUDIOS